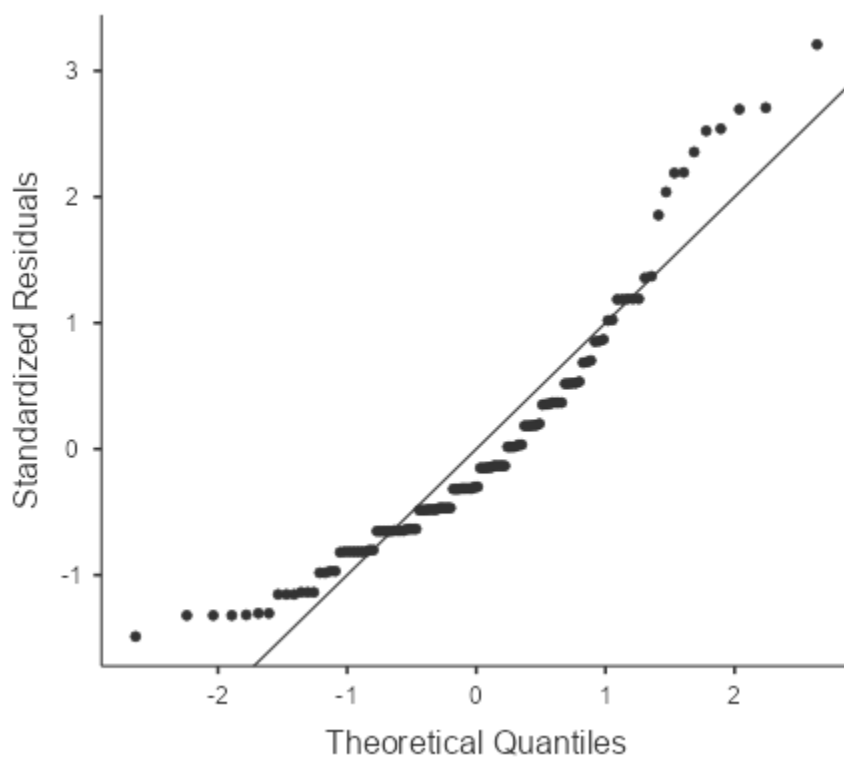


Supplementary Figure 1.

Visual assessment of normality for each of the three minor salivary flow (MSF) replicates. Note. Type 3 Sums of Squares



Supplementary Table 1.

Diagnostic performance of minor salivary flow (MSF) at all tested cutoff values for detecting hyposalivation. Each row shows model performance at a specific cutoff of MSF ($\mu\text{L}/\text{cm}^2/\text{min}$). Reported metrics include sensitivity, specificity, accuracy, positive predictive value (PPV), negative predictive value (NPV), balanced accuracy, precision, top-left distance (Euclidean distance from the ideal ROC point), and Youden's J statistic (sensitivity + specificity - 1). TPR = true positive rate (sensitivity); FPR = false positive rate (1 - specificity); TNR = true negative rate (specificity); FNR = false negative rate (1 - sensitivity); PPV = positive predictive value; NPV = negative predictive value. Predictions were classified as positive when minor salivary flow exceeded the listed cutoff.

Minor SG flow rate ($\mu\text{L}/\text{cm}/\text{min}$)

Cut-off	Sensitivity (TPR)	1-Specificity (FPR)	Specificity (TNR)	1-Sensitivity (FNR)	Accuracy	Bal. Accuracy	Precision	NPV	Top-left dist.	Youden's J
Inf	1.000	1.0000	0.000	0.0000	0.752	1.000	0.752	NaN	1.000	1.00
11.75	0.980	0.8788	0.121	0.0200	0.767	0.980	0.772	0.667	0.773	1.10
10.25	0.970	0.7879	0.212	0.0300	0.782	0.970	0.789	0.700	0.622	1.18
9.75	0.950	0.6970	0.303	0.0500	0.789	0.950	0.805	0.667	0.488	1.25
9.00	0.930	0.6364	0.364	0.0700	0.789	0.930	0.816	0.632	0.410	1.29
8.25	0.910	0.6061	0.394	0.0900	0.782	0.910	0.820	0.591	0.375	1.30
7.75	0.850	0.5455	0.455	0.1500	0.752	0.850	0.825	0.500	0.320	1.30
7.25	0.800	0.4545	0.545	0.2000	0.737	0.800	0.842	0.474	0.247	1.35
6.75	0.740	0.4242	0.576	0.2600	0.699	0.740	0.841	0.422	0.248	1.32
6.25	0.690	0.3636	0.636	0.3100	0.677	0.690	0.852	0.404	0.228	1.33
5.75	0.580	0.2727	0.727	0.4200	0.617	0.580	0.866	0.364	0.251	1.31
5.25	0.550	0.2424	0.758	0.4500	0.602	0.550	0.873	0.357	0.261	1.31
4.75	0.460	0.2121	0.788	0.5400	0.541	0.460	0.868	0.325	0.337	1.25
4.25	0.400	0.1818	0.818	0.6000	0.504	0.400	0.870	0.310	0.393	1.22
3.75	0.300	0.1515	0.848	0.7000	0.436	0.300	0.857	0.286	0.513	1.15
3.25	0.250	0.0303	0.970	0.7500	0.429	0.250	0.962	0.299	0.563	1.22
2.25	0.100	0.0000	1.000	0.9000	0.323	0.100	1.000	0.268	0.810	1.10

Note. Predict positive if: Minor SG flow rate ($\mu\text{L}/\text{cm}/\text{min}$) > cut-off

